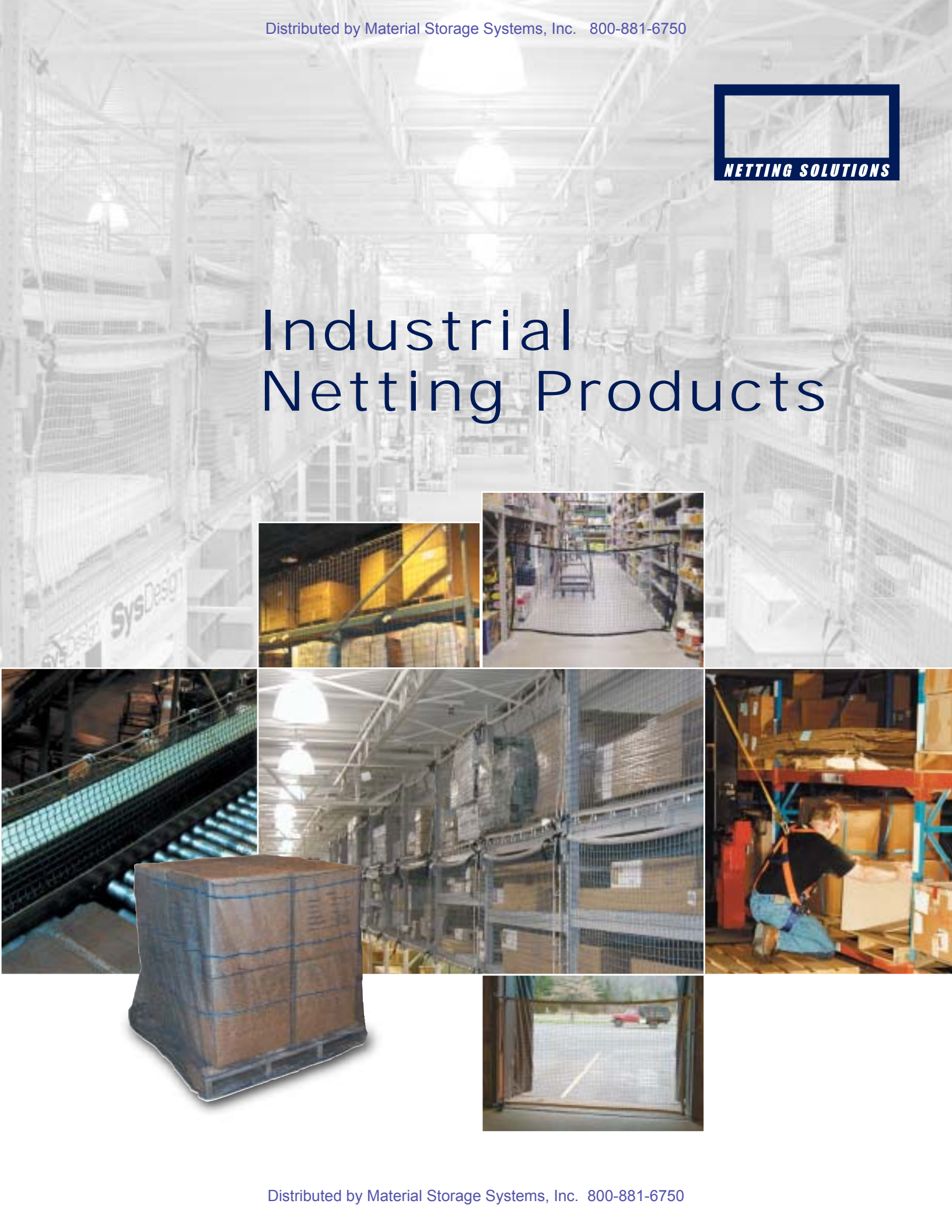




# Industrial Netting Products



# Only SINCO's pre-engineered guarding systems are safety rated.

***SINCO – Safeguard your personnel and products with a flexible rack or conveyor guard netting solution.***



## **SINCO has a solution for your company**

There's no guesswork with SINCO because our products are safety rated and developed and tested for your specific work environment. That's why SINCO's pre-engineered systems are a must today. SINCO safety products are made of 100% super strong nylon, shock-absorbent and flexible. These flexible rack or conveyor guard systems are extremely easy to work with, and when properly installed, will outperform all other products.

## **Better Product Protection**

SINCO mesh spreads the shock outward from the point of impact to the guard frame and all attachment points to stop or control the product fall. This provides a "soft catch" for products and reduces the shock loads to the supporting structures.

## **Increased Productivity**

Productivity is crucial to your business' success. To keep productivity at its peak, a safeguard system is required to protect your personnel and products from damage such as falls from conveyor belts or storage racks. SINCO's easy retrieve, reusable, flexible guard system prevents damage and downtime for peak productivity.

## **Improved Personnel Protection**

In today's business environment, preventative safety is an on-going job. Wherever people work, walk or drive below a loaded pallet rack or a conveyor belt, SINCO guards protect your employees from falling products. As a result, you'll have fewer injury claims and uninterrupted work.

## Economy

SINCO guards can be installed at half the cost of other products because they are lightweight, require less structural support and place less stress on the system. Installation is faster and requires fewer workers.

## Long System Life

SINCO's 100% nylon guards are engineered to survive most environments and won't corrode, rust, peel, rot or dent. Most SINCO Guards can be designed for hostile environments and have been accepted by the FDA for many sanitary applications.

## Ease of Handling

This "ready-to-install" system is much easier to handle and move than stiff, cumbersome steel or wood products. SINCO mesh won't cut or scrape personnel during handling or installation.

## Pre-Engineered

SINCO can customize your guard system to your requirements with adaptable attachments. It can be used in virtually all installation designs, including conveyors with 90-degree and 180-degree turns.

## Fire-Retardant, Dyeing and Special Treatments

For indoor use, the mesh is fire retardant treated and can be used in most plant and warehouse applications. For outdoor use, the mesh is Weatherkote™ treated. The nets are washable and can even be steam-cleaned. All hardware components are galvanized. SINCO guards can be permadyed in the color of your choice.

## Ease of Installation

SINCO guards are manufactured to your exact requirements, so installation is fast, easy and efficient. There's no cutting, fitting or frame welding required.

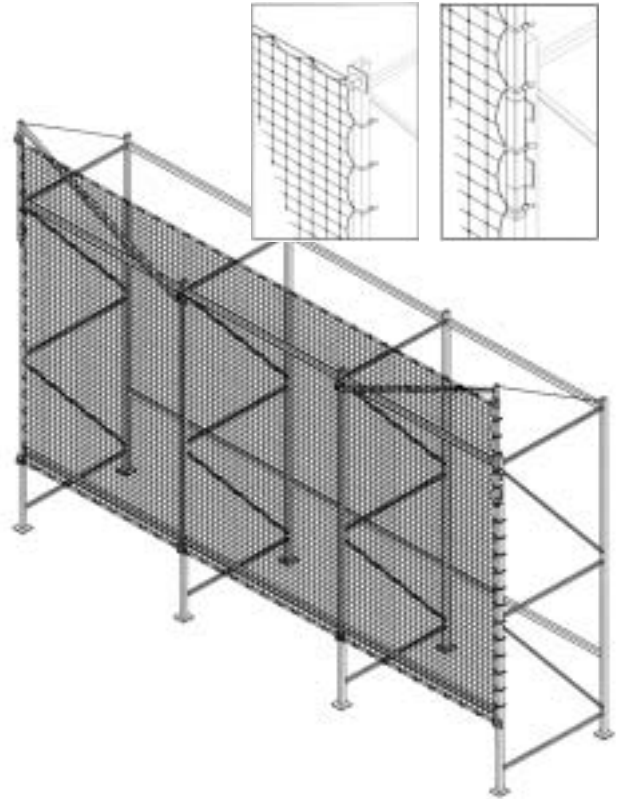
## Turn-Key Installation

Turn-key contracts are available where SINCO will provide the design and materials, plus labor for installation. If your company elects to do the installation, sketches and technical assistance will be provided.



# SINCO guarding systems protect your employees and valuable products.

**SINCO nylon mesh developed and tested specifically for rack guarding applications**, unlike steel mesh, wood, or fencing materials designed for different applications. Our pre-engineered Safety Rated Systems provide everything you need for the applications depicted below, including custom-fitted guarding and all mounting hardware.



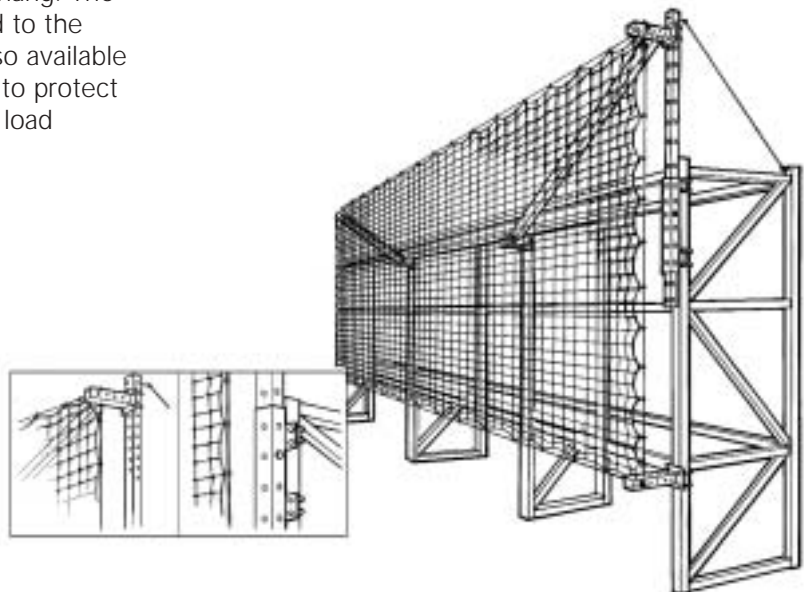
## **Flush-Mounted Rack Guard, with or without Extension**

Flush-mounting is used when there is no pallet or load overhang. It is also ideal for racks holding numerous small boxes. Guarding is attached to the back of the rack utilizing our safety ties, "E-Z" clips, or snap hooks and cable.

An optional extension system offers protection to items stored on the top load beam.

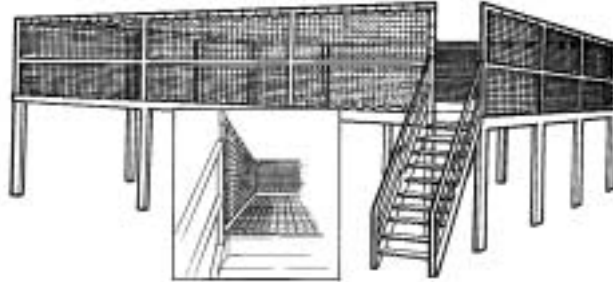
## **Offset Rack Guard, with or without Extension**

Offset mounting is needed when there is pallet or load overhang. The offset guarding is attached to the back of the rack, and is also available with an extension system to protect materials on the racks top load beams.



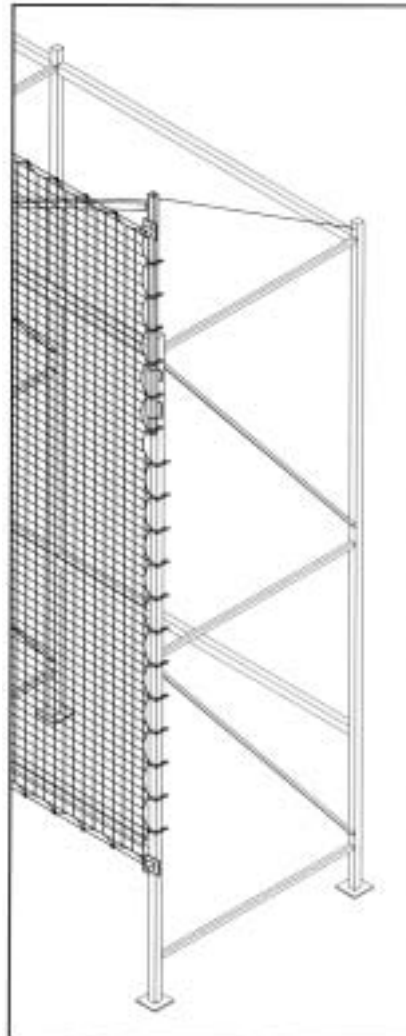
### Mezzanine Guard

Placed around a mezzanine perimeter, SINCO mesh protects both stored products and the employees below.



### Inventory Control Guard and Shelf Backing

SINCO Guards also help prevent the mixing of inventory. They provide a physical barrier to separate individual pieces of inventory as well as those with high unit values. The guarding is attached in between back-to-back racks and between bays. SINCO light-duty shelf backing is available to replace the solid metal or wood backing often attached to the back of shelves. SINCO Guards allow for a free flow of light, air and sprinkler system operation.



### Storage Security

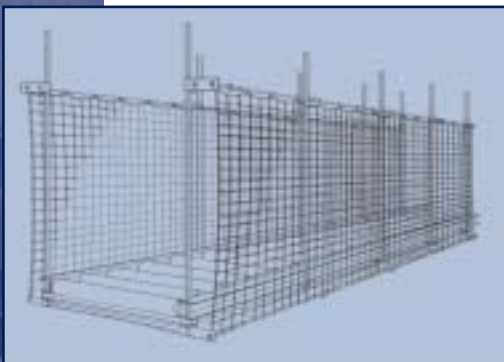
Deter pilfering or unauthorized access to your valuable inventory with a customized SINCO mesh barrier. The Guard can act alone or supplement existing barriers.

### Storage Partition

A simple and economical way to separate storage areas, this guard can be attached to cables between two load-bearing structural members.

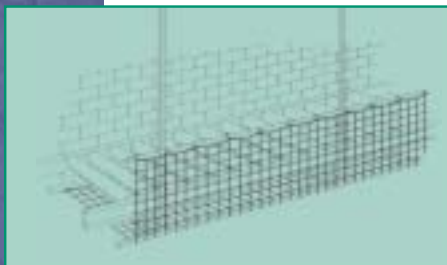
# The conveyor guarding system that keeps things moving safely.

**SINCO FlexGuard™ is developed and tested specifically for conveyor guarding applications**, unlike steel mesh, wood, commercial net, or fencing materials designed for different applications. Our pre-engineered Safety Rated Systems provide everything you need for the applications depicted below, including custom-fitted guarding and all mounting hardware. The flexibility of SINCO conveyor guards can protect virtually any conveyor configuration.



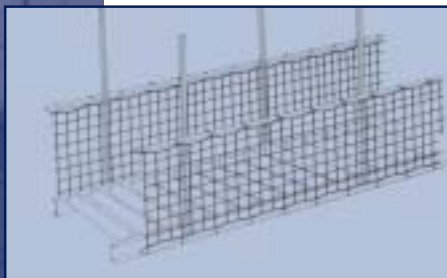
## Box-Shaped Guards

Box-Shaped Guarding provides protection on the sides and underneath overhead conveyors. You can use it with single or multiple conveyors or monorails. When the sides are kept close, the guarding can help keep products on line. If sides are mounted far enough away the product can fall clear of the conveyor for a safe catch below. Of course, broken cases, small products and conveyor parts are caught on the underside, too. The FlexGuard height should be at least two-thirds the height of the largest conveyed object.



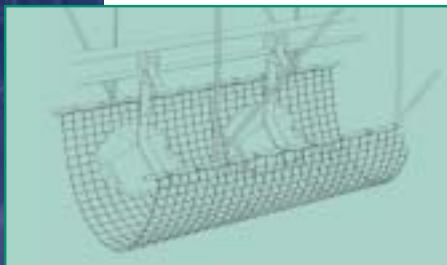
## L-Shaped Guards

L-Shaped Guards are designed for conveyor applications that run next to walls. They're supported by cable or angles that run along the overhead supports and are secured onto the wall behind the conveyor.



## Side Guards

Side Guards may be used when protection is needed on the sides of your conveyors, but not underneath. Generally, they are placed flush to the conveyor without offsetting.



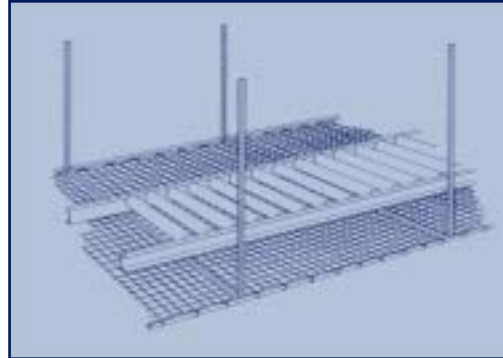
## Catenary Curve

The Catenary Curve is used in special applications where other system layouts are not possible. Design considerations should be carefully reviewed with SINCO.

### Horizontal Guards

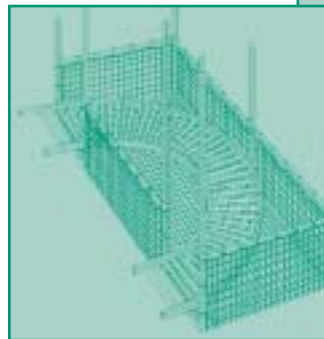
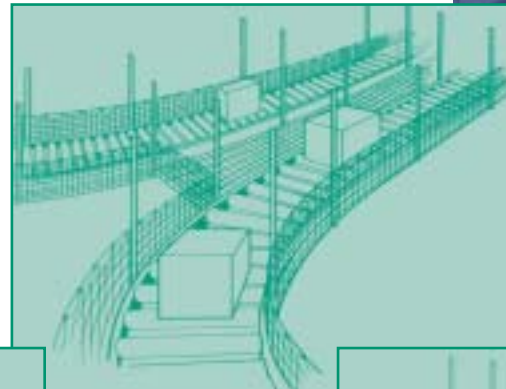
These guards are used under or between multiple overhead conveyors or elevated work platforms and mezzanines.\* SINCO suggests installing horizontal FlexGuard™ under the entire exposure. In some applications, the open perimeters may need side guards.

\*Not designed to protect falling personnel.



### 90 and 180 Degree Turns

FlexGuard can handle virtually any shape, turn or change in elevation, including 90 and 180 degree turns. The entire system is designed to be versatile, flexible, and to adapt to any type of conveyor system regardless of the way it's suspended or laid out.



### Liners for Retaining Small Parts

SINCO can provide small mesh liners to catch nuts, bolts, washers and other small items to 1/8 inch. Liners are normally used in combination with standard FlexGuard mesh.



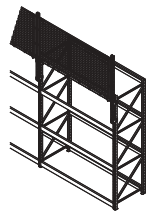
# Networks®... as Overstock Blockades



**Retail Application**

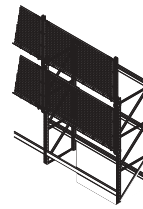


**Warehouse Application**



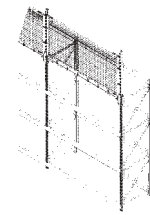
**OBS: Single System —  
Face Mounted Style**

- Universal design to fit any rack style



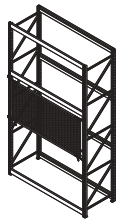
**OBD: Double System —  
Face Mounted Style**

- Provides dual protection for upper and lower rack bays



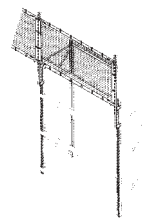
**OBSI: Single System —  
Insert Style**

- Universal design to fit any rack style with insert for a “flush” mount look



**OBL: Lower System**

- Easy installation, no tools required



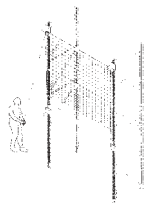
**OBSS-1: Sliding System —  
Snap Hook Style**

- Most economical sliding system available



**OBSS-2: Sliding System —  
Side Opening Style**

- Opens from both right or left for complete access



**OBSS-3: Sliding System —  
Bottom Opening Style**

- System operates from ground level

SINCO can customize other Overstock Blockade systems to meet your specific requirements

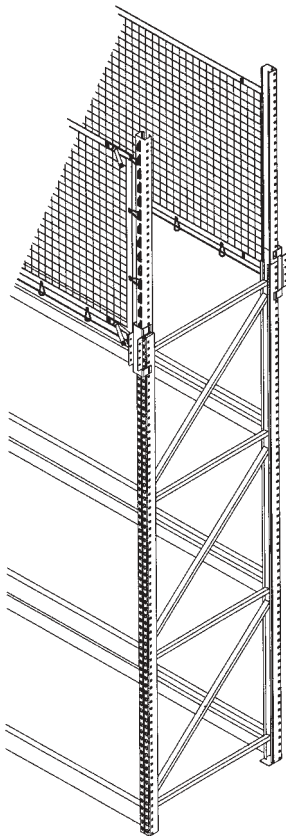
Networks is a registered trademark of SINCO, Inc.

Distributed by Material Storage Systems, Inc. 800-881-6750

# Networks®... as Overstock Blockades

	<i>Safety Rated &amp; Tested</i>	<i>Flame Retardant</i>	<i>Universal Design</i>	<i>Easy to Install and Maintain</i>	<i>No-Tool Installation</i>	<i>User Friendly</i>	<i>Adjustability</i>	<i>Tensioning Straps</i>	<i>Visually Appealing</i>	<i>Dual Protection</i>
<b>OBS SERIES</b>	X	X	X	X		X	X	X	X	
<b>OBSI SERIES</b>	X	X	X	X		X	X	X	X	
<b>OBD SERIES</b>	X	X	X	X		X	X	X	X	X
<b>OBL SERIES</b>	X	X	X	X	X	X	X	X	X	
<b>OBSS-1 SERIES</b>	X	X	X	X		X	X	X	X	
<b>OBSS-2 SERIES</b>	X	X	X	X		X	X	X	X	
<b>OBSS-3 SERIES</b>	X	X				X		X	X	

## Extension Posts

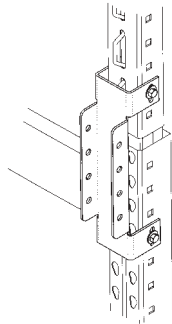


**OBIP**  
Insert Style Post  
(54")

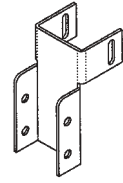
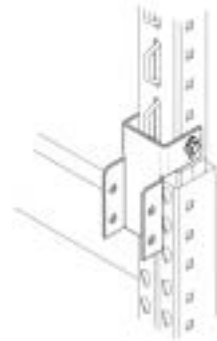
**OBP**  
Face Mount Post  
(80")

**OBDP**  
Face Mount  
Double Post  
(120")

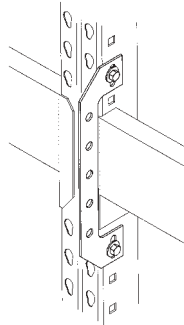
# Networks®... as Overstock Blockades



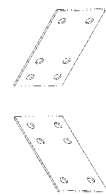
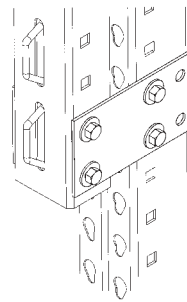
**B-BRKT**  
Beam Bracket



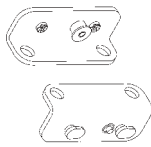
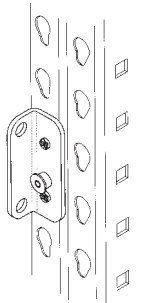
**HB-BRKT**  
Half Beam Bracket



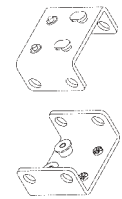
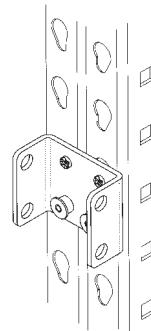
**C-BRKT**  
"C" Style Bracket



**HWRP-2**  
Mounting Plate



**L & R SNAP**  
Left & Right Single  
Snap Brackets



**D-SNAP**  
Double Snap  
Brackets

## Standard Netting Sizes for most Overstock Blockade Series

<u>OBS</u>	<u>OBSI</u>	<u>OBD</u>	<u>OBL</u>	<u>OBSS-1</u>	<u>OBSS-2</u>	<u>OBSS-3</u>
2 FOOT			3 FOOT			4 FOOT
2' X 48"			3' X 48"			4' X 48"
2' X 72"			3' X 72"			4' X 72"
2' X 90"			3' X 90"			4' X 90"
2' X 96"			3' X 96"			4' X 96"
2' X 102"			3' X 102"			4' X 102"
2' X 108"			3' X 108"			4' X 108"
2' X 120"			3' X 120"			4' X 120"
2' X 144"			3' X 144"			4' X 144"

# Networks®... as Barrier Blockades

## Dock Door Blockades

- Visual safety barrier
- Allows for air flow
- Debris containment barrier
- Tested to 1,500 pounds
- Adjusts to various size openings



## Aisle Blockades

- Quick and easy to install
- Decrease liability and limit access
- Adjustable and versatile
- Tested and rated



## Attachment Hardware Options



S-Hooks



Snap Hooks



Eye Bolts



Single Snap  
Brackets  
Patents Pending



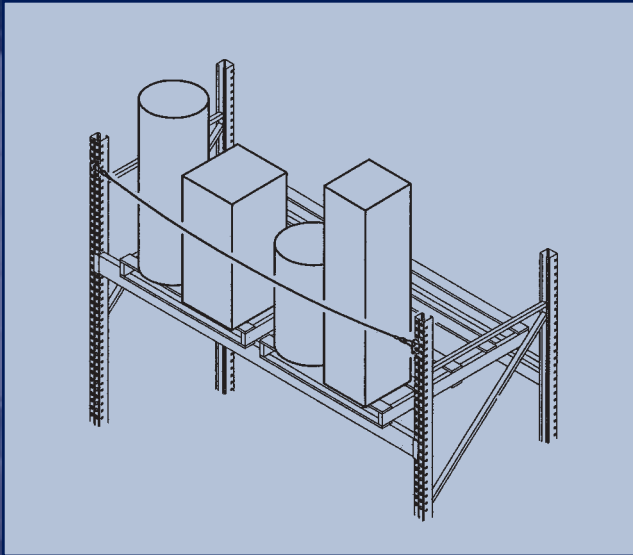
Double Snap  
Brackets  
Patents Pending

All options listed above can be attached to the Barrier Blockade to meet your specific needs.

## Standard Netting Sizes

MODEL#	MESH	PANEL COLOR	WEB COLOR	HARDWARE	LENGTH	HEIGHT
BB-8	2" - #245	Hi-Vis Orange	Black	S - Hooks	7-9' Adj.	48"
BB-10	2" - #245	Hi-Vis Orange	Gray	S - Hooks	9-11' Adj.	48"
BB-12	2" - #245	Hi-Vis Orange	White	S - Hooks	11-13' Adj.	48"
BB-14	2" - #245	Hi-Vis Orange	White	S - Hooks	13-15' Adj.	48"
BB-16	2" - #245	Hi-Vis Orange	White	S - Hooks	15-17' Adj.	48"

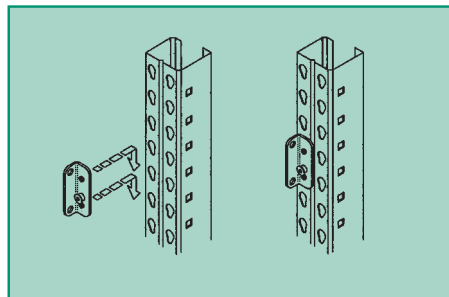
# Pre-Swaged Cable Assemblies



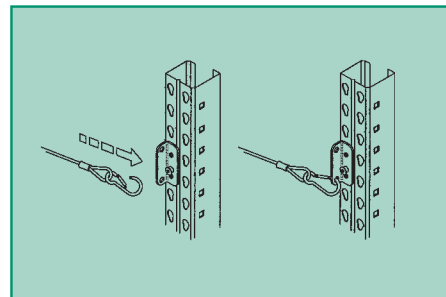
As with any installation operation, SINCO strongly urges use of proper safety equipment, including but not limited to use of Personal Fall Protection, Hard Hat and Safety Glasses.

## Installation

Insert SINCO Snap Bracket into upper (wide) portion of keyway opening in rack post and push down to lock Bracket into place. Clip snap hook at cable end into lower hole in bracket as shown. Repeat procedure for opposite end of cable assembly.



Snap Bracket Engaging Racking



Snap Hook Engaging Snap Bracket

## Standard Cable Assembly Sizes For:

5/16" Snap Hook Only

5/16" Snap Hook and "Keyhole" Style Snap Brackets

5/16" Snap Hook and "Teardrop" Style Snap Brackets

48" x 1/4" Cable	87" x 1/4" Cable	108" x 1/4" Cable
51" x 1/4" Cable	90" x 1/4" Cable	120" x 1/4" Cable
60" x 1/4" Cable	96" x 1/4" Cable	126" x 1/4" Cable
72" x 1/4" Cable	97" x 1/4" Cable	144" x 1/4" Cable
75" x 1/4" Cable	99" x 1/4" Cable	148" x 1/4" Cable
84" x 1/4" Cable	102" x 1/4" Cable	156" x 1/4" Cable

## Pallet-Sox®... for Material Containment



### Pallet-Sox®

- Low cost alternative to stretch wrap
- Reusable/durable
- Environmentally friendly
- Eliminates safety hazards
- Optional closed or open top designs



## Personal Fall Protection Products



### FIRST Harness

- 1 dorsal D-ring
- Parachute buckle chest enclosures and torso adjusters
- Tongue buckle leg closures
- Supple back plaque
- Universal sizing
- 1.75" wide polyester web - blue top, yellow bottom
- Minimum tensile strength >5,000 lbs
- Zinc plated stamped steel
- Net weight 2.12 lbs
- Meets or exceeds OSHA 1926 and ANSI Z359.1--1998 performance criteria



### FIRST Lanyard

- Web: 1.75" polyester
- Minimum tensile strength >5,000 lbs
- Hooks: AJ523A Zinc plated stamped steel
- Net weight 2.4 lbs
- Meets or exceeds OSHA 1926 and ANSI Z359.1-1998 performance criteria

## Talon™ Self-Retracting Lifeline

- Patented SRL technology restricts fall to inches
- All steel locking components
- Compact/lightweight, weighs just 2lbs, 5 oz.
- Audible/visual indicators
- Repairable

